



RMT, Inc.  
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September 8, 1992

Mr. Ralph O. Howard, Jr.  
Remedial Project Manager  
United States Environmental Protection Agency  
Region IV - Waste Management Division  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Subject: Medley Farm Site RD/RA Monthly Report - August 1992.

Dear Mr. Howard:

The following submittal constitutes RMT's monthly report to EPA regarding the Medley Farm Site RD/RA for August 1992. This report is submitted on behalf of the Medley Farm Site Steering Committee (Steering Committee) to satisfy the requirements of Section XI, Paragraph 30 of the Consent Decree entered into by EPA and the members of the Steering Committee. This monthly report describes tasks initiated or completed as part of the RD/RA for the Medley Farm Site during the reporting period.

#### **PROJECT TASKS INITIATED OR COMPLETED DURING THE MONTH OF AUGUST 1992**

##### **MONITORING OF EXISTING SITE CONDITIONS**

###### **Site Characterization:**

###### *Implement Quarterly Sampling and Analysis Plan*

- The analytical results from the second quarterly ground water sampling have been received and are currently undergoing QA review. These results will be transmitted to the Agency under separate cover.

##### **SCOPING AND INITIAL DATA COLLECTION ACTIVITIES**

###### **Scoping and Review Activities:**

###### *Review Existing Information and Guidance*

- Completed

###### *Collection of Additional Site Data*

- Project Change Notices MF-001 and MF-002 were submitted to the Agency formalizing agreed upon changes to the FSAP. We have received the Agency's approval of these documents and initiated the supplemental field studies. As of this date, RMT has installed well pair SW-201/BW-201. SW-202/BW-202 should be installed during the week of September 8-11, 1992.



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#### *Treatability Evaluation/Pilot Testing*

- RMT has initiated preliminary "Capture-Zone" modelling efforts to identify the number and location of ground water extraction wells. Following completion of these initial efforts, we anticipate identifying the need for field pumping tests to assist our efforts in developing a ground water flow model of the site.

#### *Health & Safety Plan*

- Completed.

### **REMEDIAL DESIGN**

#### **Remedial Design Planning**

##### *RD Work Plan*

- Responses to Agency comments were submitted and formal approval of the RD Work Plan was received.
- RMT is currently preparing a letter for submittal to the Agency specifying Remedial Design delivery dates.

##### *Preliminary Design*

- Using data derived during the RI, RMT hydrogeologists and ground water modelers have initiated preliminary "Capture Zone" studies of the site. Hypothetical extraction wells of varying flow rates are being evaluated at various site locations. The overlap and size of these well capture zones are now being evaluated to identify the most efficient placement of wells to accomplish stated ROD objectives. RMT anticipates issuing a technical memorandum to the Agency communicating the findings and conclusions of these efforts.

### **REMEDIAL ACTION**

There are no current activities to report on at this time in the project.

### **OPERATION AND MAINTENANCE**

There are no current activities to report on at this time in the project.

### **PERFORMANCE MONITORING**

There are no current activities to report on at this time in the project.

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#### PROJECT TASKS PLANNED FOR THE MONTH OF SEPTEMBER 1992

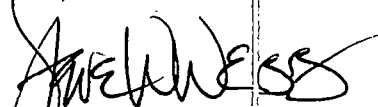
The following activities are scheduled for the next reporting period beginning September 1, 1992 and continuing through September 30, 1992:

- Complete installation and development of well pairs SW-201/BW-201 and SW-202/BW-202.
- Complete QA review of second quarterly ground water data and submit data package to Agency.
- Conduct third quarterly sampling of all site monitoring wells and surface water stations. We anticipate initiating these activities in the field by the third week of September, 1992.
- Continue preliminary design of remedy components.
- Submit letter to Agency formalizing delivery dates for RD.

If you have any questions or comments regarding the material provided herein, please contact either myself or David Nichols.

Sincerely,

RMT, Inc.



Steve W. Webb, Ph.D., P.E.  
Project Coordinator

cc: Medley Farm Steering Committee  
David G. Nichols  
File 938.09 (C)